



PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/676,296
				Filing Date	September 30, 2003
				First Named Inventor	Lance G. Laing
				Art Unit	N/A 1636
				Examiner Name	Not Yet Assigned JENNIFER
(Use as many sheets as necessary)					
Sheet	1	of	1	Attorney Docket Number	
04107/100L443-US2					

U.S. PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
SD	1	US-5,620,580	04-15-1997	Bamdad et al.	
SD	2	US-6,322,979	11-27-2001	Bamdad et al.	
SD	3	US-6,472,148	10-29-2002	Bamdad et al.	

FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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07\1001}

Jessie Drost

Date
Considered

6/15/04

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

1

of

3

Complete if Known

Application Number	T.B.A. 10/670296
Filing Date	Concurrently Herewith 9/30/03
First Named Inventor	Lance Laing
Group Art Unit	T.B.A. 1636
Examiner Name	JENNIFER DUNSTON

Attorney Docket Number

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Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
JD	1.	US- 5,034,506	07/23/1991	Summerton et al.	
	2.	US- 5,459,040	10/17/1995	Hammock et al.	
	3.	US- 5,571,722	11/5/1996	Rosson	
	4.	US- 5,591,578	01/07/1997	Meade et al.	
	5.	US- 5,637,684	06/10/1997	Cook et al.	
	6.	US- 5,677,437	10/14/1997	Teng et al.	
	7.	US- 5,783,682	07/21/1998	Cook et al.	
	8.	US- 5,792,844	08/11/1998	Sanghvi et al.	
	9.	US- 5,952,172	09/14/1999	Meade et al.	
	10.	US- 5,965,456	10/12/1999	Malmqvist et al.	
	11.	US- 6,063,573	05/16/2000	Kayem	
	12.	US- 6,071,699	06/06/2000	Meade et al.	
	13.	US- 6,087,100	07/11/2000	Meade et al.	
	14.	US- 6,238,884	05/29/2001	Short et al.	
	15.	US- 6,319,713	11/20/2001	Patten et al.	
	16.	US- 6,335,160	01/01/2002	Patten et al.	
	17.	US- 6,346,378	02/12/2002	Stanley et al.	
	18.	US- 6,352,842	03/05/2002	Short et al.	
	19.	US- 6,420,175	07/16/2002	Stemmer	
	20.	US-2002/0123048	09/05/2002	Gau	
	21.	US 6,329,160-B1	12/11/2001	Schneider et al.	
	22.	US 6,438,651-B1	08/20/2002	Everhart et al.	

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
JD	23.	WO 89/05977	06/29/1989	Igen Inc.		
	24.	WO 99/27351	06/03/1999	Lockheed Martin Energy Research Corp.		
	25.	WO 99/67423	12/29/1999	The Regents of the Univ. of California		
	26.	WO 01/54814	08/02/2001	Motorola Inc.		
	27.	WO 02/00006	01/03/2002	Board of Trustees of the Univ. of Illinois		
	28.	WO 02/06789	01/24/02	The Ohio State Univ. Research Foundation; Univ. of Kentucky Research Foundation		
JD	29.	WO 02/10750	02/07/2002	Maxygen, Inc.		

Examiner Signature

Jennifer Dunston

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Substitute for form 1449A/PTO		Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	T.B.A. 101676296	
		Filing Date	Concurrently Herewith 9/30/03	
		First Named Inventor	Lance Laing	
		Group Art Unit	T.B.A. 1036	
		Examiner Name	T.B.A. JENNIFER DUNSTON	
Sheet	2	of	3	Attorney Docket Number
04107/100L443-US2				

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
<i>JD</i>	30.	Bailey J., (1999) Lesson from metabolic engineering for functional genomics and drug discovery, <i>Nature</i> , 17:616-618		
	31.	Baselt et al., (1996) Biosensor based on force microscope technology, <i>J. Vac. Sci. Technol. B</i> , 14:789-793		
	32.	Beerli et al., (1998) Toward controlling gene expression at will: Specific regulation of the erbB-2/HER-2 promoter by using polydactyl zinc finger proteins constructed from modular building blocks, <i>Proc. Natl. Acad. Sci. USA</i> , 95:14628-14633		
	33.	Beerli et al., (2000) Positive and negative regulation of endogenous genes by designed transcription factors, <i>PNAS</i> , 97:1495-1500		
	34.	Beste et al., (1999) Small Antibody-Like Proteins with Prescribed Ligand Specificities Derived from the Lipocalin Fold, <i>Proc. Natl. Acad. Sci. USA</i> , 96:1898-1903		
	35.	Blaesing et al., (2000) Analysis of the DNA-binding domain of <i>Escherichia coli</i> , DnaA protein, <i>Molecular Microbiology</i> , 36:557-569		
	36.	Cai et al., (1997) Use of a luminescent bacterial biosensor for biomonitoring and characterization of arsenic toxicity of chromated copper arsenate (CCA), <i>Biodegradation</i> , 8:105-111		
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	39.	Kang et al., (2000) Zinc Finger Proteins as Designer Transcription Factors, <i>J. of Biol. Chem.</i> , 275:8742-8748		
	40.	Köhler et al., (1999) Reporter gene bioassays in environmental analysis, <i>Fresenius J. Anal. Chem.</i> , 366:769-779		
	41.	Lau et al., (1999) Dissecting the Role of Acyltransferase Domains of Modular Polyketide Synthases in the Choice and Stereochemical Fate of Extender Units, <i>Biochemistry</i> , 38:1643-1651		
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	43.	Mascini et al., (2001) DNA electrochemical biosensors, <i>Fresenius J. Anal. Chem.</i> , 369:15-22		
<i>JD</i>	44.	Nielsen et al., (1991) Sequence-Selective Recognition of DNA by Strand Displacement with a Thymine-Substituted Polyamide, <i>Science</i> , 254:1497-1500		

Examiner Signature	<i>Jennifer Dunst</i>	Date Considered	6/15/04
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Application Number	T.B.A. 10 676 2910
Filing Date	Concurrently Herewith 9/30/03
First Named Inventor	Lance Laing
Group Art Unit	T.B.A. 11636
Examiner Name	T.B.A. JENNIFER DUNSTON

Attorney Docket Number 04107/100L443-US2

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JD	45.	O'Shannessy et al., (1994) [15] Determination of Rate and Equilibrium Binding Constants for Macromolecular Interactions by Surface Plasmon Resonance, <i>Methods in Enzymology</i> , 240:323-349	
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	53.	Wang et al., (1999) Dimerization of zinc fingers mediated by peptides evolved <i>in vitro</i> from random sequences, <i>Proc. Natl. Acad. Sci. USA</i> , 96:9568-9573	
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	55.	Xu et al., (1997) Dimerization is Essential for DNA Binding and Repression by the ArsR Metalloregulatory Protein of <i>Escherichia coli</i> , <i>The J. of Biol. Chem.</i> , 272:15734-15738	Duplicate Copy
	56.	Zhang et al., (1991) Low-usage codons in <i>Escherichia coli</i> , yeast, fruit fly and primates, <i>Gene</i> , 105:61-72	Duplicate Copy
	57.	Baell et al., (1996) "Rinsensor-based enforce microscope technology", <i>J. Vac. Sci. Technol. B</i> , 14:789-793	
JD	58.	Cotell, C. (Oct. 2001) "Single Molecule Detector", http://techtransfer.nrl.navy.mil , Points of Contact, Naval Research Laboratory, 4555 Overlook Avenue, SW, Washington, DC 20375-5320	DUPPLICATE COPY

Examiner Signature

Jennifer Dunst

Date Considered

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